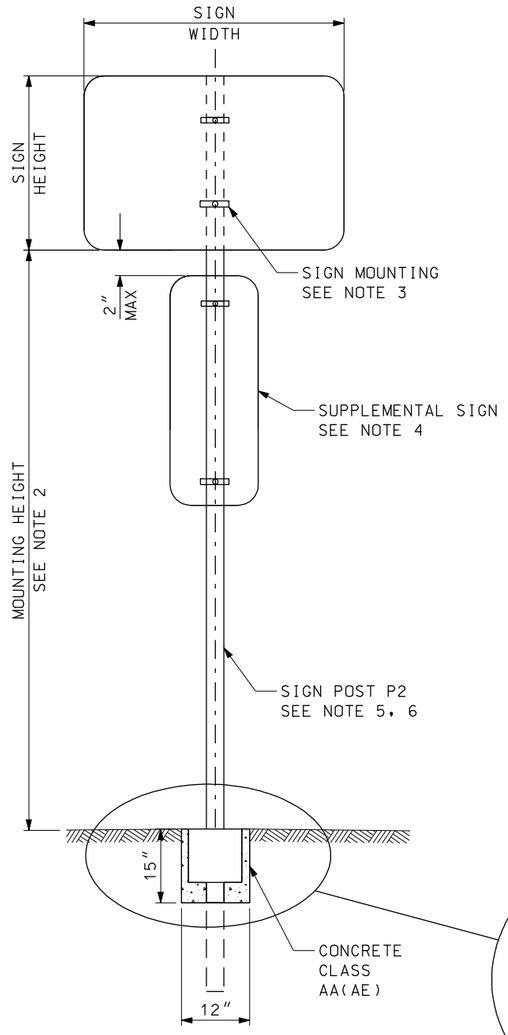
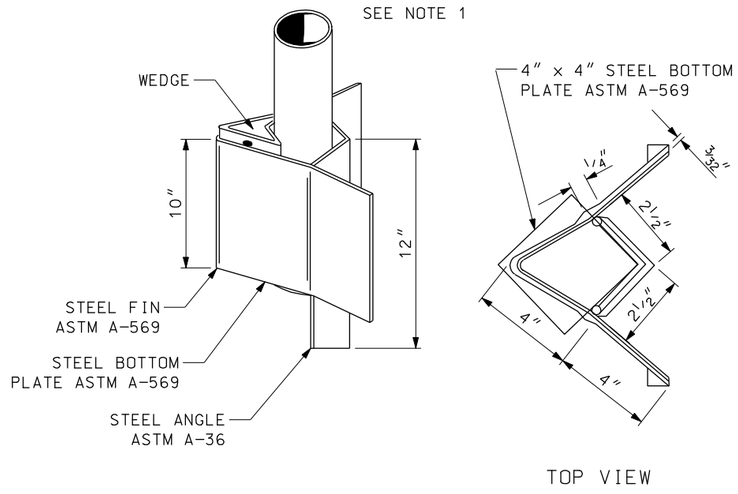
SMALL SIGN TUBULAR STEEL POST BASE FOR CONCRETE (B2B)

(TRIANGULAR STEEL ANCHOR SYSTEM IN CONCRETE)

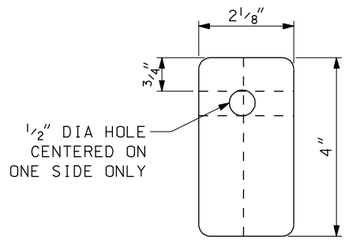
(SINGLE POST APPLICATION ONLY)

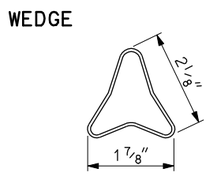


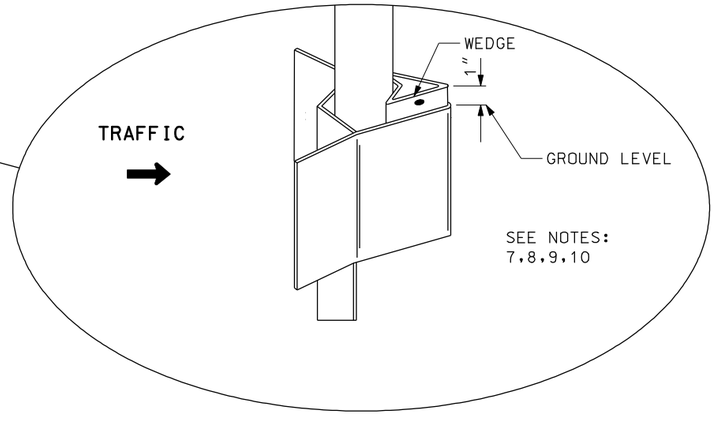


TRIANGULAR STEEL SIGN POST ANCHOR

GALVANIZE AFTER FABRICATION







POST SELECTION GUIDE *

SIGN HEIGHT(FT.) \ SIGN WIDTH (FT.)	1	2	2.5	3
1	P2	P2	P2	P2
2	P2	P2	P2	P2
2.5	P2	P2	P2	P2
3	P2	P2	P2	
4	P2	P2		

* POST SELECTION GUIDE ASSUMES A 7' MOUNTING HEIGHT FROM BOTTOM OF SIGN. MAXIMUM MOUNTING HEIGHT 8 FEET. IF MOUNTING HEIGHT REQUIREMENTS ARE GREATER, ANOTHER SIGN BASE OPTION IS REQUIRED.

POST SIZE AND SIGN SIZE DETERMINED BY BASE MANUFACTURER'S WIND LOADING REQUIREMENTS.

POST DETAIL CHART (SINGLE POST ONLY)

POST TYPE	OUTSIDE DIAMETER	WALL THICKNESS (GAUGE)	MATERIAL AND COATING REQUIREMENTS
P2	2 3/8"	0.095" (13 GAUGE)	ASTM-513 GALVANIZED TO MEET ASTM A-653-G90
DO NOT USE "T" OR "U" BRACKET			

POST NOTES:

POSTS PRE-PUNCHED WITH 3/8" HOLES, MOUNT SIGN DIRECTLY TO POST OR USE AN APPROVED MOUNTING CLAMP. SPACING OF HOLES FROM TOP IN INCHES ARE AS FOLLOWS:

1",3",10",16",21",23",24",27",33",37",39" AND 45"

NOTES:

1. USE TRIANGULAR ANCHOR WITH CONCRETE IN ALL SOIL TYPES WHEN A CONCRETE BASE IS DESIRED OR PLACED IN CONJUNCTION WITH AN ISLAND OR SIDEWALK.
2. REFER TO STD DWG SN 7 FOR MOUNTING HEIGHT AND OFFSET REQUIREMENTS.
3. REFER TO STD DWG SN 13A FOR SIGN MOUNTING REQUIREMENTS.
4. WHEN INSTALLING A SUPPLEMENTAL SIGN DO NOT EXCEED MAXIMUM SQUARE FOOTAGE OF POST REQUIREMENT BY MORE THAN 25%. (EX: POST P2 MAX. SIGN SIZE 2'W x 4'H=8 SQ.FT. + 25%=10 SQ.FT.=(2'W x 4'H)+(1'W x 2'H)=10).
5. DO NOT USE "T" OR "U" BRACKET WITH THIS SIGN BASE.
6. USE OF YELLOW POSTS FOR LEFT SIDE (MEDIAN) INSTALLATION OR FOR LOCATIONS WITH A HIGH PROBABILITY OF BEING IMPACTED IS PERMITTED WHEN APPROVED BY REGION TRAFFIC ENGINEER.
7. INSTALL ANCHOR FOUNDATION AT TOP OF FINISHED GRADE. DO NOT INSTALL ANCHOR PRIOR TO COMPLETION OF FINISHED GRADE.
8. INSTALL ON ISLAND OR SIDEWALK WHEN FINISHED SURFACE IS COMPLETED. CORE DRILLING OF ISLAND OR SIDEWALK REQUIRED.
9. PLACE FOUNDATION AND POST ANCHOR FLUSH WITH FINISHED SURFACE.
10. FINISH WEDGE 1" MAX ABOVE TOP OF ANCHOR.

SUPPLEMENTAL DRAWING

REVISIONS

NO.	DATE	APPR.	REMARKS
1	08/28/08	MD	CHANGED TRAFFIC FLOW DIRECTION ON POST ANCHOR DETAIL TO MEET MANUFACTURERS SPECIFICATIONS. CORRECTED POST ANCHOR DETAIL.

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — AUG.28,2008 DATE
CHAIRMAN STANDARDS COMMITTEE
APPROVED — AUG.28,2008 DATE
DEPUTY DIRECTOR

SMALL SIGN TUBULAR STEEL POST BASE WITH CONCRETE (B2B)

STANDARD DRAWING TITLE

STD DWG
SN 9C

DGN File:L:\Standard_Drawings\Imperial\2008Approved\x_Supplemental_Issues\xSupp3Approved\SN9C.dgn
08-SEP-2008